

Rabbit ESRRG / ERR Gamma Polyclonal Antibody | anti-ESRRG antibody

Rabbit Polyclonal to Human ESRRG / ERR Gamma

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA12326	Rabbit	Gibbon, Bovine, Chicken, Dog, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Orangutan, Pig, Rabbit, Rat Predicted Reactivity: Bat, Xenopus, Zebrafish (at least 90% immunogen sequence identity)	Immunohistochemistry

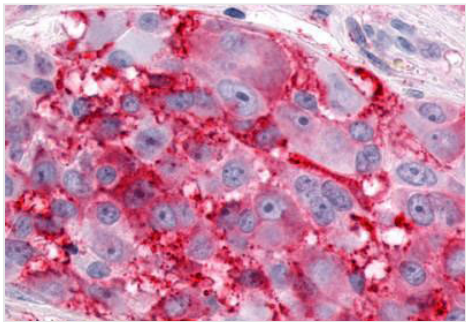
PRODUCT SYNONYMS

ESRRG / ERR Gamma; Polyclonal Antibody; Rabbit Polyclonal to Human ESRRG / ERR Gamma; Anti-ESRRG / ERR Gamma Antibody (C-Terminus) IHC-plus; ESRRG; ERR Gamma; ERR gamma-2; ERR3; Err-gamma; NR3B3; ERRG2; ERRgamma; KIAA0832; Human ESRRG; anti-ESRRG antibody

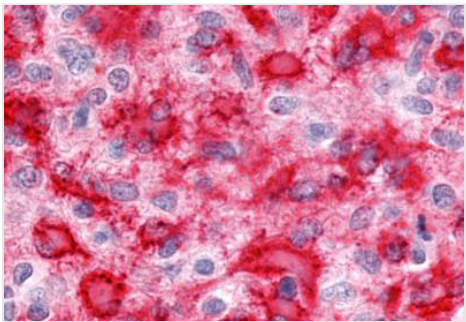
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Bovine, Chicken, Dog, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Orangutan, Pig, Rabbit, Rat Predicted Reactivity: Bat, Xenopus, Zebrafish (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human ESRRG / ERR3. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	458
Applicable Applications for anti-ESRRG antibody	IHC (Immunohistochemistry)
Application Notes	IHC-P (9 - 17 ug/ml)
Target Species	Human
Immunogen Description	Synthetic 15 amino acid peptide from C-terminus of human ESRRG / ERR3. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Dog, Bovine, Horse, Rabbit, Pig.
Immunogen Type	Synthetic peptide
Immunogen	ESRRG / ERR Gamma antibody was raised against synthetic 15 amino acid peptide from C-terminus of human ESRRG / ERR3. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Dog, Bovine, Horse, Rabbit, Pig, Opossum, Turkey, Chicken, Platypus, Lizard (100%); Bat, Xenopus, Zebrafish (93%); Stickleback, Medaka, Pufferfish (87%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

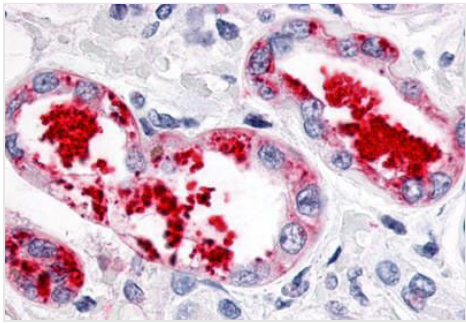
IMAGES



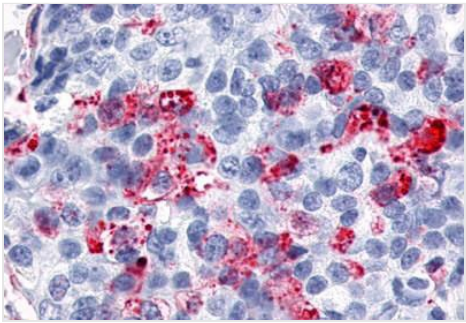
IHC (Immunohistochemistry)
Anti-ESRRG / ERR Gamma antibody IHC of human Skin, Melanoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



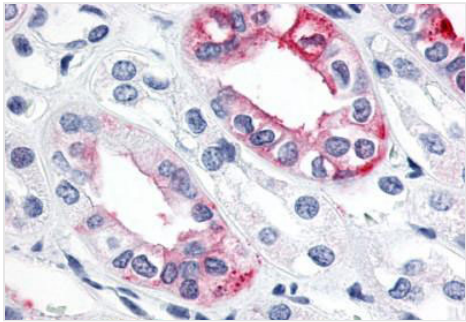
IHC (Immunohistochemistry)
Anti-ESRRG / ERR Gamma antibody IHC of human Brain, Glioblastoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



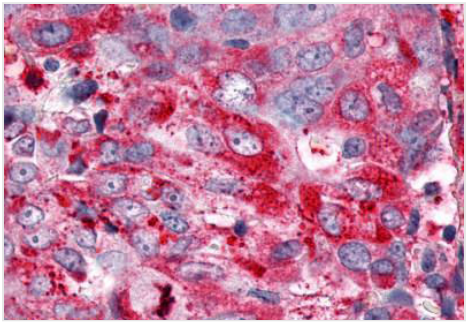
IHC (Immunohistochemistry)
Anti-ESRRG / ERR Gamma antibody IHC of human kidney, diabetes. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-ESRRG / ERR3 antibody IHC of human breast cancer. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-ESRRG / ERR Gamma antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-ESRRG / ERR Gamma antibody IHC of human Ovary, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-ESRRG antibody	Estrogen receptor-related receptor (ERR gamma), a NR3 Steroid Receptor, has been suggested to affect differentiation of the brain, heart, and kidney. ERR gamma binds as a monomer to an extended half-site of the ERRE type (TCAAGGTCA). ERR gamma has been shown to interact with PGC-1 alpha and has been implicated in the regulation of mitochondrial energy metabolism.
Product Categories/Family for anti-ESRRG antibody	Family: NHR; Subfamily: NR3 Steroid receptor

NCBI AND UNIPROT INFORMATION

NCBI GI #	45545433
NCBI GeneID	2104

NCBI Accession #	NP_001429.2
NCBI GenBank Nucleotide #	NM_001438.3
UniProt Accession #	P62508 ; O75454 ; O96021 ; Q68DA0 ; Q6P274 ; Q6PK28 ; Q6TS38 ; A8K4I0 ; A8K6I2 ; B3KY84 ; E9PGB7 ; F8W8J3
Molecular Weight	52,462 Da
NCBI Official Full Name	estrogen-related receptor gamma isoform 1
NCBI Official Synonym Full Names	estrogen-related receptor gamma
NCBI Official Symbol	ESRRG
NCBI Official Synonym Symbols	ERR3; NR3B3; ERRgamma
NCBI Protein Information	estrogen-related receptor gamma; ERR gamma-2; estrogen receptor-related protein 3; nuclear receptor subfamily 3 group B member 3
UniProt Protein Name	Estrogen-related receptor gamma
UniProt Gene Name	ESRRG
UniProt Synonym Gene Names	ERR3; ERRG2; KIAA0832; NR3B3
UniProt Entry Name	ERR3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/esrrg-err-gamma-antibody-immunohistochemistry-elisa/12326>